

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052155

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 G06K9/22

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 666 543 B (BARON TECH LTD) 19 June 2002 (2002-06-19) paragraph '0016!; figure 1b paragraphs '0051!, '0057!, '0058! paragraphs '0061!, '0066! paragraph '0073!	1-20
Y	----- GUSTAFSSON F: "DETERMINING THE INITIAL STATES IN FORWARD-BACKWARD FILTERING" IEEE TRANSACTIONS ON SIGNAL PROCESSING, IEEE, INC. NEW YORK, US, vol. 44, no. 4, 1 April 1996 (1996-04-01), pages 988-993, XP000592364 ISSN: 1053-587X cited in the application the whole document ----- -/--	1-20



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

12 January 2005

Date of mailing of the international search report

07/02/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	STEVEN W. SMITH: "The Scientist and Engineers Guide to Digital Signal Processing, chapter 21" 28 December 2001 (2001-12-28), CALIFORNIA TECHNICAL PUBLISHING, SAN DIEGO, CA, ISBN 0-9660176-3-3 (1997), XP002313051 Retrieved from the Internet: URL:http://www.innerlighttheory.com/ch21.pdf> Pages 346-348, "Match #2", in particular paragraph 4 on page 346 -& STEVEN W. SMITH: "The Scientist and Engineers Guide to DSP, chapter 21" WWW.DSPGUIDE.COM, 'Online! 28 December 2001 (2001-12-28), XP002313049 SAN DIEGO, CA Retrieved from the Internet: URL:http://www.dspguide.com/ch21.htm> 'retrieved on 2004-01-11! -----	1,9-12, 20
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Information on patent family members

International Application No

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